

For more Information  
please call

1-800-Belden1



### General Description:

Neoprene insulation has good heat aging characteristics and is an excellent low-cost motor lead wire. It may be considered for use in hazardous locations and is being used in explosion-proof motors recognized by UL.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
1	16	26x30	TC - Tinned Copper

Total Number of Conductors: 1

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
Neoprene	1.143

#### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 3.937 mm

### Mechanical Characteristics (Overall)

Non-UL Temperature Rating: 90°C

Recommended Maximum Baking Cycles: 24 Hours @ 300°F (149°C) ~ 8 Hours @ 325°F (163°C) ~ 15 Minutes @ 450°F (232°C)

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

UL AWM Style:	3046
UL Rating:	600 V, 90°C
CSA Rating:	600 V, 90°C
CSA Type:	CL903
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

#### Plenum/Non-Plenum

Plenum (Y/N): No

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
32516 004500	500 FT	11.000 LB	YELLOW	F	#16 STR CR 90C 600V
32516 010500	500 FT	11.000 LB	BLACK	F	#16 STR CR 90C 600V
32516 0105000	5,000 FT	105.000 LB	BLACK	I U Z	#16 STR CR 90C 600V

Notes:

## METRIC MEASUREMENT VERSION

### 32516 Hook-up/Lead - UL AWM Style 3046

F = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'  
I = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'  
U = TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10000' PER COLORCOMBINATION. (SEE TOPCOAT ADDER TABLE)  
Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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